



Chronicles of Diversity

Natural Energetics

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So what is the most important concept that you need to learn about natural law, or common grace, for you to better understand what is happening in your real world?

I would say that without a doubt, natural energetics, or the understanding of the flow of energy through the natural ecosystem and its effects on biological diversity. This diversity is so amazing that it pretty much needs to be studied by getting immersed for a time in the natural environment itself. This being a significant reason for the development of the Phylogenesis Institute.

However, once you understand how widespread inappropriate applications of natural law are in society, you might begin to wonder how our economy continues to function at all.

While energy has not really been a major issue in this election cycle, energy independence from foreign oil, generally construed as oil from the middle east, finds at least some mileage in our political discourse. While the vast majority of our petroleum imports come from the Americas, in order to fuel our thirsty SUV's, it is always politically expedient to blame all, or some of our ailments, on our need to placate the bad people in the middle east .

One such political ad now running in eastern Washington, features Patti Murray, the incumbent Senator, saying that we can convert some of the "wheat and barley" produced in the region into bio-fuels and thereby decrease our dependence on that evil foreign black gold. To her credit, the ad does

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mention the possibility of wind farms as a sustainable source of energy also. However, the video clip showing the wind farms, look strangely similar to the natural landscape of California's wind energy producing area.

To say that we can produce biofuels from grain is true, and we may be able to soon make it an "economically viable" source of combustion energy. But \$60 per barrel crude oil, will greatly alter the energy landscape of the entire world, making all sorts of technologies and extractive processes profitable, biofuels being just one of many.

However, to say that producing alcohol from North American grain is a good natural idea, is a sign of ignorance in the least, and a gross deception, should we say a lie, in the worst case. This distortion of truth, by ADM the agribusiness conglomerate, ran for years as a input ad to the PBS Newshour.

The simple fact of the matter, is in temperate climates, using our current farming techniques, it takes, at best, two calories of energy to grow and produce one calorie of grain. Then if you take that grain, transport it somewhere and ferment it into alcohol, through another (inefficient) biological process, and then use that somewhere as a supplement to fossil fuels, we find a net energy deficit that is doomed to natural eventual failure.

You can take out your gospel wand of technology development, or your bag of magic dust and sprinkle it over your wishes all you want, but energy from grain, as it is now prophesied, will always be an energy loser.

All energy on this earth has always come from the sun, or the Son. In a world limited by the natural laws of Thermodynamics, the sun is that round fire ball in the day time sky. If you are a Creation Scientist, who believes in the Biblical model of creation, then in a pre-sin world, energy finds its origin in the Son of God. However, in this present fallen world we are generally stuck with that naturally radiant sun.

That energy from the sun is converted into fixed carbon by plants through the process of photosynthesis. Photosynthesis is a miraculous process if you study it scientifically. It creates stored potential energy from nothing but sunlight, carbon dioxide, and water. Therefore, it is a much more efficient process in the tropics, that has a much higher flux of solar radiation, than in the temperate regions of the earth. That, in part, is why Brazil can produce alcohol from sugarcane and do it with some positive energy balance.

There are possibilities to use plant materials to produce energy in temperate regions of the world, but that potential is limited to utilizing plants that are not what we would generally call farmed. Trees and grasses that we let pretty much grow in the wild state can be utilized with appropriate technology to produce alcohols, However these energy sources still would probably work more efficiently in fuel cells, a technology still years away from being available at your local home improvement center.

Chronicles of Diversity was named for the application of the natural diversity model to human culture. Natural diversity is really an insight of the designed energy efficiency within the biological community. That natural diversity can be determined in your potted plant that sits on your window sill, in the vast areas of natural wilderness, or in the world as a whole.

What you find in natural systems is that as the species diversity increases, the total positive utilization of energy (from the sun) also increases. This means that more of the total potential energy available from the sun is converted to fixed carbon, but the total energy fixed by each plant species decreases as the biological diversity increases.

Therefore, in the sense of the total utilization of energy available from the sun, a field of barley is much less energy efficient, than a diverse natural grassland, of different grasses, flowers, weeds, and moving critters. Also the grassland is less susceptible to extremes of the environment and other factors.

To move this into our Phylogenesis Institute, the field of barley is designed to grow and produce one specific variety of barley for immediate economic gain. The natural grassland is designed to include a broad variety of life, more efficiently utilizing the total available energy and also providing, a sense of biological stability and security to the whole community in the times of environmental extremes.

In other words, a field of barley is a way to make a quick buck we can understand. To economically profit from a grassland brings many other diverse factors into play. This is something that our current economic models are just too simplistic to handle. As long as we keep energy prices dirt cheap, we can economically do all sort of enterprise feats that substitute stuff for substance, and greed for sustainability.

We could develop these Natural Law principles further, but let us now focus on the concept of how to bring Natural Law into our economic system without everyone becoming tent living nomads following roaming herds of bison on the plains.

As an insight into the failure of our modern economic models to deal with the reality of Natural Law, in the Great Pass Through, or Fly Over, a region that once supported vast herds of buffalo, the population density of the rural areas is now approximately the same as it was before the coming of the settlers and the black coat evangelists.

Within the towns and cities of the Pass Through, economic viability is sustained by importation of urban capital (liquidity), mostly in the form of low paying (service sector) jobs, by feudalistic international corporations and bankers which have little or no allegiance to the region, any nation state, or national monetary supply.

This developmental scheme will continue in the Pass Through and other “underdeveloped” regions of the world, until the laissez faire model runs out of gas (cheap energy), or the lack of moral standards brings about their demise. At that time, these corporate monarchies will quickly see their whole culture converted to an arid desert of economic drought.

Not wanting to paint a bleak picture of the future as those forecast by Ross Perot or Pat Buchanan, it would be easy to point to the Natural Law of ecological progression, from pioneer species to climax ecosystems and say that the natural life is good. That however, leaves out consequences of human culture and our desire to make the world a better place for those who follow.

Created in the image of God, mankind is basically a population of creators and designers, it is our nature. If, as Thomas Jefferson wrote in the Declaration of Independence, that the Laws of Nature (common grace) and Nature’s God, are the rules by which secular free society is to be based, then those who believe that Nature’s God and the God of the Bible are the same, the Bible becomes the specific revelation of God’s will and personality. Common grace is in harmony with the revealed Specific Grace in the Bible, but subservient to the Biblical Revelation.

Therefore, when we look to the Bible we can find specific information concerning God’s will in the past, present, and future. Since this series deals with the development of the phylogeny in the future, the prophetic portions of the Bible will give us insight to what will happen as this age reaches it’s end.

As prophesied in most of evangelical Christianity, this age reaches a significant turning point with the Rapture of the church and the following Great Tribulation period of seven years. During that Tribulation, God will judge this world for turning away from both His common and Specific grace.

Until that time, successful (in the eternal sense) civil society will be governed by the Law’s of Nature, and the elect (the phylogeny) of God, will have the additional understanding of His specific grace found in Jesus Christ alone. In the following millennium, after the return of Christ and His saints to the earth, He will rule the whole world with a unity of the Law’s of common and Specific grace.

Therefore, in this age, the role of the church is to be, as Augustine wrote, the City of God, rather than the city of man. That godly city is to be a light of God’s grace and love, in a world of increasing darkness. Natural Law will never allow the church to convert the whole world to God’s specific revelation of the Bible. By the choice of man’s free agency, all men and women are of one distinctive community or the other, Christians having a form of dual citizenship. The role of evangelism is to show God’s love and grace available to all, but accepted only by the minority of His elect. In this present age, civil society is to be ruled by the laws of man within the city of man.

Last Friday (October 15th) a May Day for Marriage rally was held by evangelical Christians in Washington DC, for an estimated cost of four million dollars. Part of that agenda was, at least unofficially, to enlist support for a constitutional amendment to say that marriage is between one man and

one woman. This concept, is part of the Natural Law of western civilization existing long before the founding of the American Republic.

It might be said that this amendment is an attempt of legislate millennial law into a civil pre-millennial world. If this is the case then the amendment has no chance of passage and this event was an exercise in futility.

In rebuttal, comes the proverb, for evil to triumph, all that is required is for good men to do nothing. Also, you must stand for something or you will fall for anything.

Laws, natural, common in the traditional sense, and written will not be totally upheld as long as: “The heart *is* deceitful above all *things*, And desperately wicked; Who can know it?” (Jeremiah 17:9) In our republic, moral legislation will not be persevere by an a situational judiciary, or executive. The converse also being true.

The framers of the Constitution designed a document with built in checks and balances between the branches of government. They also prescribed a citizen army, and the consequences of not following that edict is what has gotten us into the current turmoil in Iraq (which is another article entirely). These constitutional checks and balances were written at a time when all persons believed in the “Law of Nature and Nature’s God” even if they were not Christian people in the typical “born again” definition.

We now live in a time in which truly “everyone does what is right in his own eyes,” for there is no king (leadership) in America. At least a leader that a plurality are willing to follow, and the opposition is pretty much totally obnoxious in their militancy.

This is the great divide that this nation faces in this election. The divide between situational ethics and the moral imperative absolutes of common and specific grace, are represented by two very similar Presidential candidates with completely divergent world views and concepts of right. But neither man, seems to have any grasp of natural energetics and distribution, that could truly alter the political and economic landscape of the country.

The country is “Slouching to Gomorra” as the title of the book by Robert Bork states, because the church as abandoned the City of God for the ease, liquidity, and fruits of man’s city. The power of Christianity does not, and has never expressed itself in the power of a social gospel, middle class tax cuts, or creating democratic Islamic nations.

The power of the church lies in the blood shed on the cross of Jesus Christ for the sins of all mankind, and conquering by His resurrection, the ultimate truth in the temporal world, the power of death. To the extent that Christians rely on the power of the purse, and deny the power of Natural Law and common grace, then all the church can do is mimic the world, and she shall never see the energy of the Son change the course of civil society.

In order to truthfully understand the supernatural or God’, first you must understand the absolute truths illustrated in the natural. That alone is the commonbasis for God’s creative and also His redemptive plan expressed in the specific Biblical revelation.

Next week we will look at specific applications of growth through the natural opportunities of energy and resource utilization.

